

2012 Groundwater NES/ACM QA/QC Checklist
Virginia Department of Environmental Quality Division of Land Protection and Revitalization

NES Required Discussion Topics		Included?
Was at least one additional well installed downgradient of each GPS exceeding well		
Was at least one of these additional wells installed at the property line in the downgradient direction of plume migration		
Was at least one well screened to permit a vertical delineation of the plume		
In the case of off-site impact, were landowners notified		
Were the chemical aspects (nature) of the exceeding constituent(s) described		
Additional Discussion Topics		
Were all NES wells installed to RCRA standards		
Did the report contain the records of well installation		
Were all applicable constituents sampled for in all NES wells		
Were GW elevations obtained to define the rate and direction of plume movement		
Were constituent-specific groundwater plume maps included		
Was a vertical plume concentration map included		
Was a horizontal plume concentration map included		
ACM Required Discussion Topics	Option 1 Included?	Option 2 Included?
Remedy performance (use case histories)		
Remedy reliability (use case histories)		
Implementation ease (on site factors)		
Implementation cost		
Remedy start-up time (construction phase)		
Does remedy control exposure to GW contaminants (i.e., protective of Human health and environment)		
Remedy has ability to control further GW releases		
Are there potential impacts to receptors during implementation		
Remedy completion time (when all GPS achieved)		
Ability to control exposure to residual contaminants		
Ability to control cross media contaminant transport		
Remedy will comply with standards for the management of (investigatively derived) waste		
Institutional requirements (other permits, etc.)		
Public Participation Required Discussion Topics		Included?
Was copy of public participation announcement included in the ACM		
Did the notice include the required VSWMR information		
Was ACM made accessible to the public during the public comment period		
Was a transcript of the public hearing included in the ACM		
Was a copy of any written public comment included in the ACM		